

WHAT IS CLAIMED IS:

1. A flexible fiber reinforced hose comprising:
an inner rubber layer, an outer rubber layer, and a fiber reinforced layer provided between said inner rubber and outer rubber layers, wherein
said fiber reinforced layer is constructed by using a reinforcing fiber of at least one raw yarn, which is a spanized yarn consisting of monofilaments made of a para aromatic polyamide material.
2. A flexible fiber reinforced hose of claim 1, wherein said spanized yarn comprising a large number of monofilaments cut to about 60 cm at arbitrary positions and twisted together .
3. A flexible fiber reinforced hose of claim 1, wherein said reinforcing fiber is a single twisted cord comprising a single raw yarn of said spanized yarn.
4. A flexible fiber reinforced hose of claim 1, wherein said reinforcing fiber is a twisted two ply cord comprising two raw yarns of said spanized yarn.
5. A flexible fiber reinforced hose of claim 1, wherein said reinforcing fiber comprising at least three twisted raw yarns of said spanized yarn.
6. A flexible fiber reinforced hose of claim 1, wherein the raw yarn of said spanized yarn has a twisting multiplier within a range of 2-6.
7. A flexible fiber reinforced hose of claim 1, wherein said reinforcing fiber comprising at least two twisted raw yarns of said spanized yarn; and
at least one of said raw yarns has a twisting multiplier within a range of 2-6 when calculated based on a twisting number of the first ply of said raw yarn.

8. A flexible fiber reinforced hose of claim 1, wherein the monofilament of said raw yarn has a twisting number of 80-1000 turns/m and the raw yarn has a denier of 300-1000.
9. A flexible fiber reinforced hose of claim 1, wherein the raw yarn of said reinforcing fiber has a tensile strength of 14 cN/denier or higher in a tensile test in accordance with JIS L 1013 standard.
10. A flexible fiber reinforced hose of claim 1, wherein the raw yarn of said reinforcing fiber has a tensile strength of 16 cN/denier or higher in a tensile test in accordance with JIS L 1013 standard.
11. A flexible fiber reinforced hose of claim 1, wherein said fiber reinforced layer comprising at least one spiral wound, braided and knitted reinforcing fibers.
12. A flexible fiber reinforced hose of claim 1, wherein said fiber reinforced layer is sandwiched between an inner rubber layer and an outer rubber layer contacting them directly.
13. A flexible fiber reinforced hose of claim 1, wherein two or more fiber reinforced layers are provided across intermediate rubber layer(s).
14. A flexible fiber reinforced hose of claim 1, wherein at least one of the inner rubber layer and the outer rubber layer of said fiber reinforced hose consist of a single or a plurality of rubber layers.
15. A flexible fiber reinforced hose of claim 1, wherein said fiber reinforced hose further comprises at least one of a resin layer, and a fluid barrier layer comprising at least one of a metal thin film and metal foil lamination layer.

16. A flexible fiber reinforced hose of claim 1, wherein said fiber reinforced hose is a hose for at least one of an air conditioner, engine cooling hose, heater hose, oil hose, or air hose for an automobile and an industrial machine.